Achievements and Efforts for Enhancing Disaster Reduction

The Great Hanshin-Awaji Earthquake Memorial

DRI (Disaster Reduction and Human Renovation Institution)

DPRI (Disaster Prevention Research Institute, Kyoto University)

Director and Professor Yoshiaki KAWATA

10 October 2007
I have been contributed to Safer World against Natural Disasters for more than 30 years.

**No.1 Establishment and activities** of Disaster Reduction and Human Renovation Institution (DRI) and Disaster Reduction Alliance (DRA) in Kobe

**No.2 Policy advise** through international field surveys on disasters and dispatch of disaster lessons

**No.3 Voluntary activities** at NPO: Crisis & Environment Management Policy Institute (CeMI) for public awareness and educational activities

**No.4 Promotion** of research projects on disaster reduction at DPRI, Kyoto University since 1969
Transfer of Live Lessons of Catastrophic Disaster

--- Education for sustainable development ---

Chairman of Disaster Reduction Alliance
Disaster Reduction and Human Renovation Institution.

Executive Director Yoshiaki KAWATA

Opened in April 2002
Opened in April 2003
Disaster Reduction and Human Renovation Institution (DRI)

Established in April 2002 with the Mission such as “By transferring the experiences of the Great Hanshin-Awaji (Kobe) Earthquake and applying lessons learned from the Earthquake for a better future, DRI aims at cultivating a disaster culture, mitigating social vulnerability, and developing policies for disaster reduction; thereby contributing to realizing a safer and more secure civil society”

6 main functions:

- Museum Exhibits
- Collection and Preservation of Source Documents and Materials
- Training of Disaster Management Practitioners / Development of Disaster Reduction Professionals
- Networking
- Action Research on Disaster Reduction
- Headquarters Assistance in Disaster Response
Exhibition (Earthquake Museum)

4th floor; The impact of the Earthquake

1.17theater

Conceptual image of hard-hit Eq. victims

The Great Eq. Disaster Hall

■1.17theater

■Conceptual image of hard-hit Eq. victims
Totally 2.7 million visitors
42% are young generation
Disaster Reduction Alliance (DRA)

Since Oct. 2002

DRI (Dis. Red. & Human Ren. Inst.)

WHO EMECS, IGES, APN

ADRC (Asian Dis. Red. C)

OCHA (UN Office for the Coord. of Hum. Affairs)

UNCRD (C for Reg. Dev.)

EDM (Eq. Dis. Mit. Res. C, NIED)

IRP (Int, Rec. Platform)

Hyogo Inst. for Traumatic Stress

Hyogo Dis. Medical C.
The Disaster Reduction Alliance (DRA) was established in October, 2002, aiming at promoting organized operation among the health, environment and disaster related organizations situated in HAT Kobe (New Eastern City Center) to the best of their functions.
As of April, 2007, 17 organizations are listed as principal members along with 7 observer organizations.
[Secretariat: Disaster Reduction and Human Renovation Institution (DRI)]
Disaster Reduction Forum 2004, 05, 06, 07

- Pre event of WCDR in 2004
- Every January or February
- Organized by DRA, Hyogo Pref.

<Recommendations to the Int’l. Community>

- Each disaster stricken area should begin to organize in their respective ways to “transfer live lessons of catastrophic disasters”, in particular to their citizens and communities.
- Each government and supporting organization should recognize the importance of transferring live lessons and start supporting such activities.
Proposal for the establishment of “Transfer Live Lessons Network”

--- For effective education & public awareness for citizens ---

Aiming the realization in 2006

< Activities of this network >

• Facilitate transfer lessons activities of each organizations through mutual information exchange with effective methods on exhibition, public awareness, educational program and so on.
• Open a web site to introduce the whole picture of this network
• Publish a web-newspaper on the specific activities or events on annual basis
• Organize meetings for information exchange on regular basis, hopefully once a year
• Make intellectual support for planning and development of other facilities for “transfer live lessons” activities
• Preparatory Committee was launched on Wednesday, 19th January 2005
International Field Survey on Disasters and Dispatch of Disaster Lessons

Dr. Kawata conducted the following field survey:

(*: Leader of reconnaissance team 1: International Team)

1991 Mt. Pinatubo Eruption (Philippines)*1
1991 Cyclone Disaster (Bangladesh)*
1991 Flores Island Tsunami (Indonesia)*1
1993 Geo-Hazards (Nepal)*
1994 East Java Tsunami (Indonesia)
1995 Kobe Earthquake (Japan)*
1996 Flood Disaster (China)*
1998 Papua New Guinea Tsunami*1
1999 Che-Che Earthquake (Taiwan)*
1999 Marmara Earthquake (Turkey)*
2000 Beach Erosion and Flood Disaster (Indonesia)*
2001 New York WTC Disasters (USA)*
2002 West Europe Flood Disasters (Germany, Australia, Czech)*
2003 Typhoon Disasters (Philippines)*
2004 Indian Ocean Tsunami (Indonesia, Sri Lanka, India, Thailand, Maldives)*1
2005 Hurricane Katrina (USA)*

As Executive Director of DRI, the following surveys were managed after 2002:

- 2003 Bamu Earthquake, Iran
- 2004 Indian Ocean tsunami, Indonesia and others
- 2005 Hurricane Katrina, USA, Pakistan Earthquake
- 2006 Landslide, Philippines, Yogyakarta Earthquake, Indonesia, West Java Earthquake, Indonesia
- 2007 Solomon Tsunami
Disaster Reduction Advice to Japanese Government and International Society through IDNDR, ISDR, UNESCO, Red Cross and World Bank

1993 Nepal: Sabo work

1991 - 2002 Bangladesh: Cyclone shelter construction

1991 - 2003 Philippine: Flooding, earthquake, landslide and volcano eruption countermeasures

1991 - 2005 Indonesia: Tsunami, earthquake, flooding, beach erosion countermeasures

2004 - 2006 Indian Ocean tsunamis: Early tsunami warning systems

1998 Papua New Guinea tsunami: Brochure of tsunamis by JICA
The article seven of the Article Seventeenth Constitution by Prince Shotoku (574 – 622) in Asuka era, Japan

Each professional has own vocation. Please administer your responsibility. You must not confuse your place of work.